RUDENKO, N.P.; KALINKINA, O.M.

Preparation of some radioactive indicators. Vest. Mosk. un. Ser. 2: Khim. 20 no.6:83-85 N-D '65. (MIRA 19:1)

l. Laboratoriya radiokhimii Nauchno-issledovatel'skogo instituta yadernoy fiziki Moskovskogo universiteta. Submitted Jan. 13, 1965.

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BEDESKU, A.; KALINKINA, O.M.; SOROKIN, A.A.; FORAFONTOV, N.V.; SHPINEL, V.S.

Decay scheme of Te^{131m}. Zhur. eksp. i teor. fiz. 40 no.1:91-100 Ja *61. (MIRA 14:6)

1. Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta.

(Tellurium-Decay)

AND STATES OF THE STATES OF THE CONTROL OF THE CONT

5/075/62/017/009/006/006 E071/E436

AUTHORS:

Kalinkina, O.M., Rudenko, N.P.

TITLE:

On the problem of preparation of hafnium 8-hydroxy-

quinolinate of a definite composition

PERIODICAL: Zhurnal analiticheskoy khimii, v.17, no.9, 1962,

1120-1121

The precipitation of hafnium 8-hydroxyquinolinate using a TEXT: nascent reagent is carried out by adding an alcoholic solution of 8-hydroxyquinoline to a solution of hafnium nitrate containing oxalic acid. An increase in the pH of the solution was obtained by the decomposition of urea on heating. On the basis of chemical and thermogravimetric analysis the composition of the precipitate was hafnium β-hydroxyquinolinate Hf(C9H6NO)4. There is I figure.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im.

M.V.Lomonosova (Moscow State University imeni

M.V.Lomonosov)

SUBMITTED: Card 1/1

April 20, 1962

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HALINKINA, O.M.; RUDENKO, N.P.

Preparation of hafnium 8-hydroxyquinolinate of a definite composition. Zhur.anal.khim. 17 no.9:1120-1121 D'62.

(MIRA 16:2)

1. Institute of Nuclear Physics, M.V. Lomonosov Moscow State University.

(Hafnium compounds)
(Quinolinol)

RULEME: Nikelay Pavlorich: MacKERA, Olica Kikhaylovna.

[Stadionative icotopes of zirconium and nichium 2795 - Nb⁵⁵ and 2797 - Nb⁹⁷] Radionktivnye izotopy tsirkonia michin 27⁹⁵ - Nb⁹⁵ i 2r⁹⁷ - Nb⁹⁷. Moskva, Atomizdat, 1962. 24 p. (Mich 17:10)

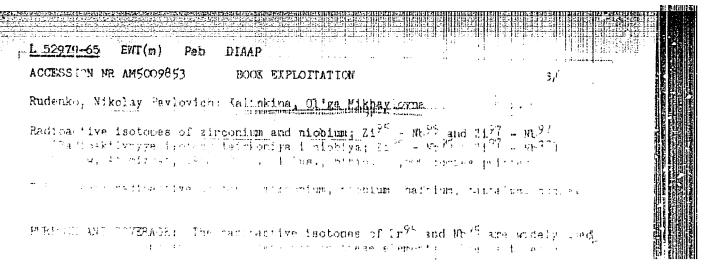


TABLE OF CONTENTS [abridged]: Cord 1/2: ACCESS: ON NR AM5009853 Introduction 3 Ch. J. Radioactive and stable isotopes of sirconium and nicbium and their radiometry 5 SUBMITTED: lhJul6i: NR REF SCV: 012 OTHER: 067 APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000620110018-2' Cord 2/2:	APPROVED FOR RELEASE:	08/10/2001 CIA-RDP80-	·00513K000620	.на ТТОПТО-5
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ACCESSION NR: AP4043038

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AUTHORS: Kalinkina, T. A.; Kovanova, A. M.; Pankova, A. A.; Sukhodrev, M. K.; Uvarova, V. M.; Shpol'skiy, H. R.

TITLE: MIKFI photographic materials for he vacuum ultraviolet region of the spectrum and their characteristics

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 9, no. 4, 1964, 286-288

TOPIC TAGS: ultraviolet photographic film, film characteristic, film sensitivity, silver halide, / ISP 22 spectrograph, DFS 6 vacuum spectrograph

ABSTRACT: The solution of many problems has been hampered by the lack of photographic film sensitive to the vacuum ultraviolet (UF) spectrum (\(\lambda\) (2200 A) as a consequence of strong absorption in the gelatin of the emulsion layer of existing film. NIKFI developed five types of films sensitive to the far UF and soft x-ray region by using a new method of preparing photographic emulsion with a high concentration of silver halide in which a large portion of the gelatin is replaced by surface active substances. The five films differed in size of the AgHal microcrystals and had different sensitivities. The air-dried emulsion layer ~ 10 \(\mu\).

Card | 1/4

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ACCESSION NR: AP4043038

thick was coated on a triacetate base and hardened so that water at temperatures up to 1000 did not melt it. The photographic properties of the film (see Table l on the Enclosure) were measured in the visible, near UF region ($\lambda\sim 2300~{\rm \AA})$ and vacuum UF region (2000 % > % > 200 %). The films UF-2 and UF-3 were developed for 8 minutes in developer D-19 at 20C and the other film developed similarly for 4-6 minutes. The standard method of sensitometric measurements was used for the visible region; for λ = 2300 Å a mercury lamp in a ISP-22 spectrograph with a nine-stage attenuator was used. Characteristic curves (D versus log It) were obtained for all films at $\lambda=2300$ A. Films UF-1, UF-2 and UF-3 have low visible sensitivity ideal for "hot" object work. The vacuum UF region was studied using a DFS-6 vacuum spectrograph with a low voltage vacuum spark between titanium electrodes as a light source. The relative spectral sensitivities of films UF-1, UF-2, and UF-3 were obtained at points over the range 200-3000 % and the contrast factor for these films for λ 200-800 Å ranged from 0.7 to 1.0, while the other films had a smaller contrast. The storage properties were good and were maximized by storage in a polyethylene pack at 5-70 (e.g., UF-1 stored two years lost 40% of its sensitivity at $\lambda = 2300$ Å, had no hazing, and preserved its contrast). The preservation of the film was attributed to the high colloidal stability

ACCESSION NR: AP4043038

of the Agilal microcrystals and the presence of colloidal stabilizers in the emulsion layer. Orig. art. has: I table and 2 figures.

ASSOCIATION: Vscsoyuzny y mauchno-issledovatel skiy kinofotoinstitut (NIKFI) (All-Union Motion Picture and Photography Scientific Research Institute)

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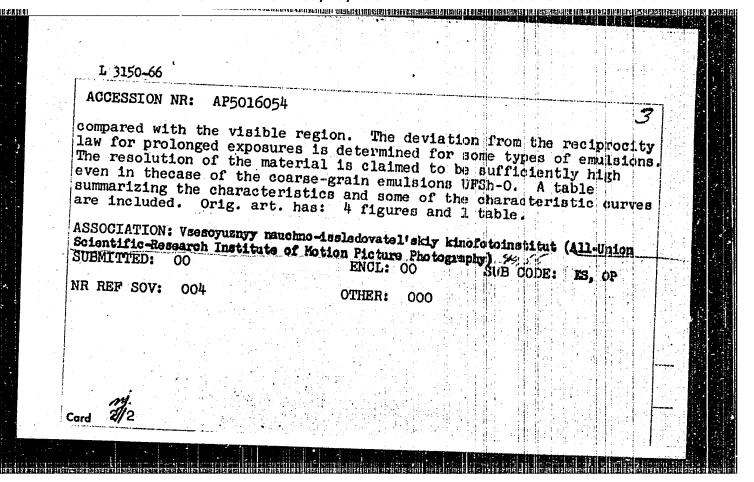
OTHER: 000

Card | 3/4

Sam- Film type No.		Region of registra- tion of UF-radiation	Average diameter of AgHal	density	aracteriatic propert For visible region of spectrum		For 2		
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2 3 4	UF-1 UF-2 UF-3 UFSh-1 UFSh-2	<3500 <2200 <1500 3500—2000 <3500	0.35 0.29 0.18 1.16 1.16	0.06 0.04 0.04 0.09 0.11	5 0.5 0.8 50	4 4 2•4 2 3•6	2.5 0.25 0.08 8.0 8.0	1 1.2 0.9 0.9	
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	ACCESSION NR: AP5016054 UR/0368/65/002/005/0475/0478
177	AUTHORS: Kalinkina, T. A.; Oshurkova, A. N.; Pankova, A. A.; Uvarova, V. M.; Chistova, G. I; Shpol'skiy, M. R.
	TITLE: NIKFI photographic materials for spectral analysis in the ultraviolet region of the spectrum
	SOURCE: Zhurnal prikladnoy spektroskopii, v. 2, no. 5, 1965, 475-478
	TOPIC TAGS: uv spectroscopy, uv photography, photographic material,
	ABSTRACT: The authors describe briefly the assortment of photographic materials developed for the registration of the ultraviolet region dependence of the contrast of the omulainer.
	dependence of the contrast of the emulsions on the wavelength of the applied radiation is reported. It is shown that emulsions having a sensitivity of the layers in the ultraviolet region of the spectrum
	Card 1/2



KALINKINA, V.A. (Moskva), KOZLOVA, N.I. (Moskva), NIKOLATEV, I.H. (Moskva),

STEPAHCHIKOV, A.A. (Moskva)

Investigating the thermal decomposition of coals and their mixtures.

Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.6:156-160 N-D '60.

(Coal--Carbonization)

(Coal--Carbonization)

NIKOLAYEV, I.N.; STEPANCHIKOV, A.A.; DAVYDOVA, K.I.; KOZLOVA, N.I.; KALINKINA, V.A.; SMIRNOVA, M.I.

Method for the direct determination of the coking capacity of coals and charges. Koks i khim. no.11:9-15 '60. (MIRA 13:11)

1. Institut goryuchikh iskopayenykh AN SSSR. (Coal--Testing) (Coke)

DAVYDOVA, K.I. (MOSKVA); SMIRNOVA, M.I. (Moskva); KALINKINA V.A. (Moskva); SPEPANCHIKOV, A.A. (Moskva) Chita Province coals as possible raw materials for the metal-lurgical industry of Transbaikalia. Izv. AN. SSSR. Otd. tekh. nauk. Met. i topl. no.2:163-169 Mr-Ap '61. (MIRA 14:4) (Chita Province—Coal mines and mining) (Transbaikalia—Metallurgical plants)

> CIA-RDP86-00513R000620110018-2" APPROVED FOR RELEASE: 08/10/2001

NIKOLAYEV, I.N.; KOZLOVA, N.I.; KALINKINA, V.A.; STEPANCHIKOV, A.A.

Heat capacity of coals and coal mixtures as determined by the temperature of their heating. Koks. i khim. no. 3:12-15 '61.

(MIRA 14:4)

l. Institut goryuchikh iskopayemykh AN SSSR. (Coal-Thermal properties)

KALINKINA, Ye.G.

Puncture specimens from the lymph nodes and their diagnostic significance. Vop. epid. i klin. tub. 5:234-240 158.

MIRA 14:12)

(LYMPHATICS--PUNCTULE)

137-58-4-7741

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 198 (USSR)

AUTHORS: Goncharevskiy, M.S., Kalinkina, Z.M.

TITLE: Corrosion Resistance of Welds of Electrically Welded Tubing

(Korrozionnaya stoykost shva elektrosvarnykh trub)

PERIODICAL: Byul. nauchno-tekhn. inform. Vses. n.-i. trubnyy in-t, 1957, Nr 3, pp 48-55

ABSTRACT: Problems of the quality of a weld of electrically welded tubing, its resistance and corrosion under atmospheric conditions, under various conditions of fabrication, in chemically active mediums, and so forth, are discussed. The corrosion strength of the seam was studied both in tubing not subject to annealing and in normalized tubes: a) for atmospheric corrosion—in a fog chamber (3 percent NaCl solution) and an apparatus for intermittent immersion; b) for submarine and other chemical corrosion in various fluid media—in a spindle apparatus. The test specimens were cut in the form of 70x30 mm segments from 57 and 76 mm diameter tubes of cold-rolled steel (Nrs 10 and 20) made on 51-152 mm

card 1/2 electric welders. The specimens were taken from parallel positions: one containing the weld, the other from the diametrally

137-58-4-7741

Corrosion Resistance of Welds of Electrically Welded Tubing

opposite side. To determine the effect of the degree of cold deformation of the metal on its corrosion resistance, flat specimens (100x28x1.5 mm) having degrees of deformation that increased along their length (5-53 percent) were tested, and similar tests were made of cylindrical specimens with 3, 35, 57, and 79 percent reduction. The tests were run in an 0.5-percent H2SO4 solution. It was established that: (1) The corrosion resistance of the seam and the parent metal of unannealed electrically welded tubes was virtually identical in service under industrial, marine, and other mediums of pH>3. (2) In acid solutions in which pH>3, the seams of unannealed electrically welded tubes have a corrosion resistance only one-third or one-fourth that of the parent metal. The same is noticed in an alternating medium (sea water -air). (3) After normalization of electrically welded tubes, the corrosion resistances of the seam and of the parent metal equalize regardless of test conditions. However, in an acid medium (0.5 percent H2SO4 solution), annealed electrically welded tubes have only one-fifth the resistance of those that had not been annealed. (4) Workhardening of metal (reduction ≤25 percent) increases its resistance to corrosion in a 0.5 percent H2SO4 solution. (5) Non-normalized electrically-welded tubing may be employed instead of seamless tube in structural tubing for cars and tractors (for water, petroleum, and gas), and in ammonia refrigerators.

Card 2/2

1. Welds--Corrosion--Test results 2. Steel tubing--Applications

TOBILEVICH, N.Yu.; ZASYAD'KO, I.N.; MATEUSH, Ya.O.; VOLOSHKO, D.M.; KALINKINA, Z.M.; SHCHESNO, L.P.

Increasing the corrosion resistence of heat exchanging pipes for the sugar industry. Sakh. prom. 31 no.4:47-53 Ap '57. (MIRA 10:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti (for Tobilevich, Zasyad'ko and Mateush). 2. VNITI (for Shchesno).

(Pipe)

(Corrosion and anticorrosives)

VOLOSHKO, D.M., inzh.; KALINKINA, Z.M., inzh.; SHCHESNO, L.P., inzh.

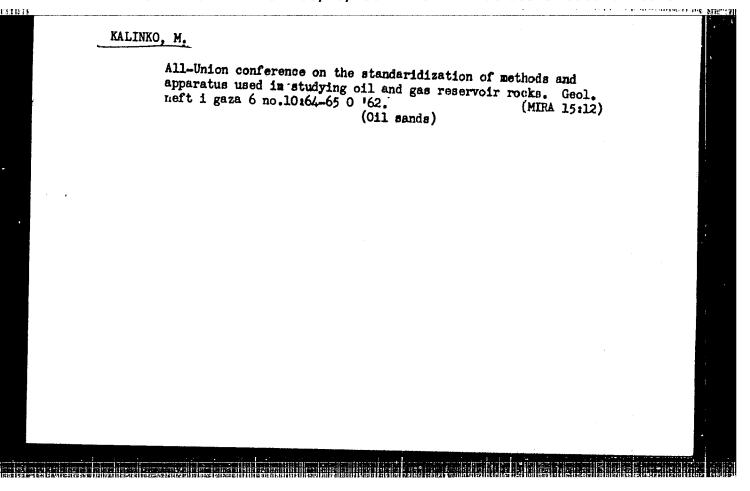
Corrosion of pipes in eyaporators in sugar refineries. Biul.nauch.tekh.inform.VNITI no.4/5:14/3-15/3 '58. (NIRA 15:1)
(Pipe, Steel--Corrosion)
(Sugar manufacture--Equipment and supplies)

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VOLOSHKO, D.M., inzh.; KALINKINA, Z.M., inzh.

Using electrode potentials as criteria in selecting metals for diffusion-calorizator pipes in sugar refineries. Biul.nauch.-tekh.-inform.VNITI no.4/5:153-157 *58. (MIRA 15:1)

(Sugar manufacture--Equipment and supplies)
(Pipe, Steel--Corrosion)



KALINKO, M.; RAABEN, V.

Discussing the most important questions of oil and gas geology. Geol. nefti i gaza 8 no.8:60-62 Ag '64. (MIRA 17:8)

KALINKO, M.K.

Principle regularities of the distribution of oil and gas pools and a hypothesis on their inorganic origin. Trudy VNIGNI no.27: 39-47 160.

Mechanics and conditions of the formation of mud volcanoes. Trudy VNIGNI no.27:98-136 '60. (MIRA 17:3)

KALTNKO, M. I	K		Composition n Fractions. S 19 Aug 48.	USER/Hinerale	*Distribution of Various Manalysis of The Exactness falisho, Sci-Res falisho, Sci-Res falisho, Sci-Res far Hain Norther Monlysis based or cent of the contained of the contained of the compositacy and exclusions.
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Author

Kalinko, M.

Title

Shortcomings of the "Companion of the Petroleum Geologist (Petrologist)"

Periodical

Neft. khoz., v. 32, #3, 62-64, Mr 1954

Abstract

Comments on a handbook edited by Prof. N. B. Vassoyevich (Gostoptekhizdat, M-L, 1952). Evaluation of various chapters for practical use and suggestions for a new revised edition.

Institution:

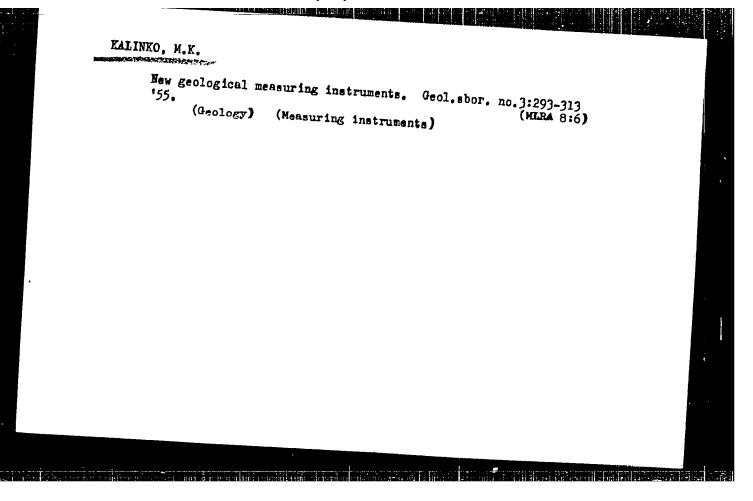
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Tectonic plan of the Anabar and Khatanga interfluvial area. Trudy
Nauch, isal, inst, gool. Arkt, 89:294-299 | 56. (MIRA 11:1)
(Anabar Valley-Geology, Structural)
(Khatanga Valley-Geology, Structural)

KALINKO, M.K.

Permian and Triassic terrigenous materials in the northern part of middle Siberia. Dokl.AN SSSR 108 no.1:131-134 My 156. (MIRA 9:8)

1. Wauchno-issledovatel'skiy institut geologii Arktiki. Predstavleno akademikom W.M. Strakhovym. (Siberia--Geology, Stratigraphic)

RUKHIN, Lev Borisovich, prof., doktor geologo-mineralogicheskikh nauk, red.; SERDYUCHENKO, D.P., prof., doktor geologo-mineralogicheskikh nauk, red.; TATARSKIY, Vitaliy Borisovich, prof., doktor geologo-mineralogicheskikh nauk, red.; KALINKO, M.K., kandidat geologo-mineralogicheskikh nauk, red.; RUSAKOVA, L.Ya., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

A. MAINKE, THI, X.

[Reference manual on the petrography of sedimentary rocks; two volumes] Spravochnoe rukovodstvo po petrografii osadochnykh porod; v dvukh tomakh. Leningrad. Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie. Vol.1. [Conditions of formation, characteristics and minerals of sedimentary rocks] Usloviis obrazo-vaniia svoistva i mineraly osadochnykh porod. 1958. 485 p. Vol.2. [Sedimentary rocks] Osadochnye porody, 1958. 519 p. (MIRA 11:2) (Rocks, Sedimentary)

KALINKO, M.K.; SHIRYAYEV, I.Ye.

Petroleum and gas resources of northern Siberia. Sov.geol. 1 no:12:69-87 D 158. (MIRA 12:4)

1. Nauchno-issledovatel'skiy institut geologii Arktiki i Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut.

> (Siberia--Petroleum geology) (Siberia--Gas, Natural--Geology)

KALIMKO, N.K.

General classification of oil and gas reservoir rocks. Geol. neft1 2 no.7:44-52 J1 58. (MIRA 11:8)

1. Vsesoyuznyy nauchno-issledovatel skiy geologorazvedochnyy neftyanoy institut.

(Rocks-Classification and nomenclature)

AUTHOR: Kalinko, M.K. SOV/5-58-4-18/43

TITLE: Basic Regularities in the Distribution of Oil and Gas in the

Earth's Crust and the Hypothesis of Their Inorganic Origin (Osnovnyye zakonomernosti respredeleniya v zemnoy kore nefti i gaza i gipoteza neorganicheskogo ikh proiskhozhdeniya)

i gaza i gipoteza neorganicheskogo ikh proiskhozhdeniya)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody,

Otdel geologicheskiy, 1958, VNr 4, pp 144-145 (USSR)

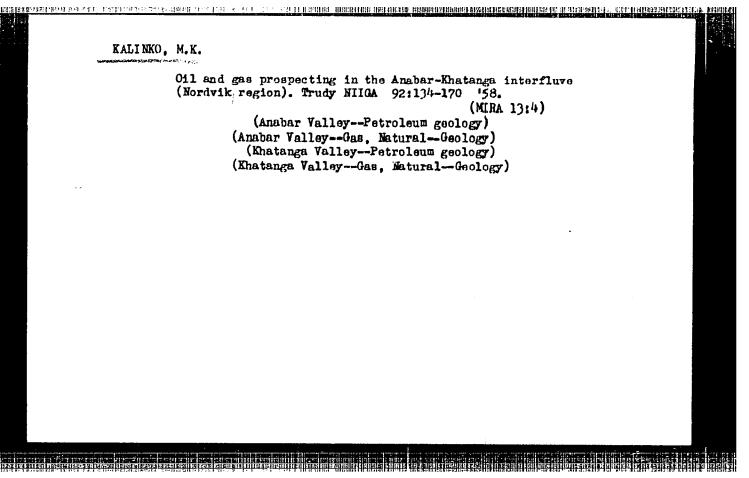
ABSTRACT: This is a summary of a report given by the author at a conference of the Moscow Society of Naturalists on 25 March 1958.

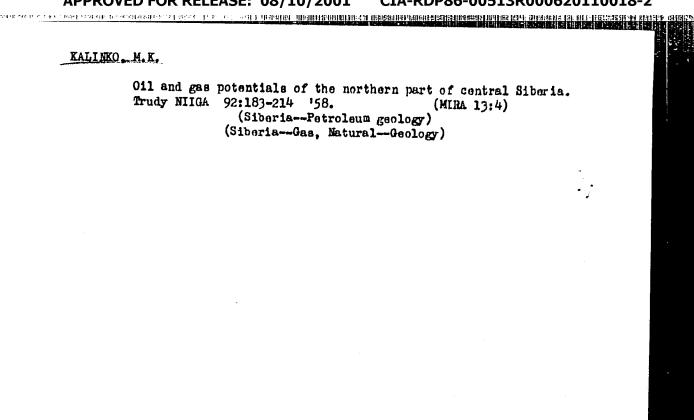
The author considers the basic regularities in the distribution of oil and gas in the Earth's crust, and gives a detailed explanation in favor of the hypothesis of their organic origin as against the hypothesis of their inorganic

origin.

1. Petroleum-Geology 2. Petroleum-Sources 3. Petroleum-Theory

Card 1/1





** 1985年5年5年5年5年5月5日 | 1985年5月5日 | 1985年5

KALINKO, Mikhail Kuz'mich; GEDROYTS, N.A., nauchnyy red.; DAYEV, G.A., vedushchiy red.

[Geological development and oil and gas potentials of the Khatanga depression] Istoriia geologicheskogo razvitiia i perspektivy neftegazonosnosti Khatangskoi vpadiny. Leningrad, Gos. nauchn.-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie. 1959. 358 p. (Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy, vol. 104). (MIRA 12:12)

(Siberia, Eastern--Petroleum geology) (Siberia, Eastern--Gas, Natural--Geology)

KALINKO, M. K., Doc Geolog-Mineralog Sci (diss) -- "The history of the geological development and oil-and-gas content of the Khatanga Valley". Leningrad-Moscow,
1959. 30 pp (Min Geology and Protection of Natural Resources USSR, Sci Res Inst
of the Geol of the Arctic, All-Union Sci Res Geological--Prospecting Petroleum Inst),
150 copies (KL, No 24, 1959, 129)

AUTHOR:

Kalinko, M.K.

TITLE:

On the "English-Russian Geological Dictionary" (Ob "Anglo-Russkom geologicheskom slovare")

PERIODICAL:

Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 1, pp 125-126 (USSR)

ABSTRACT:

This is a review of the above mentioned dictionary, compiled by T.A. Sofiano.

Card 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000620110018-2"

KALINKO, M.K.

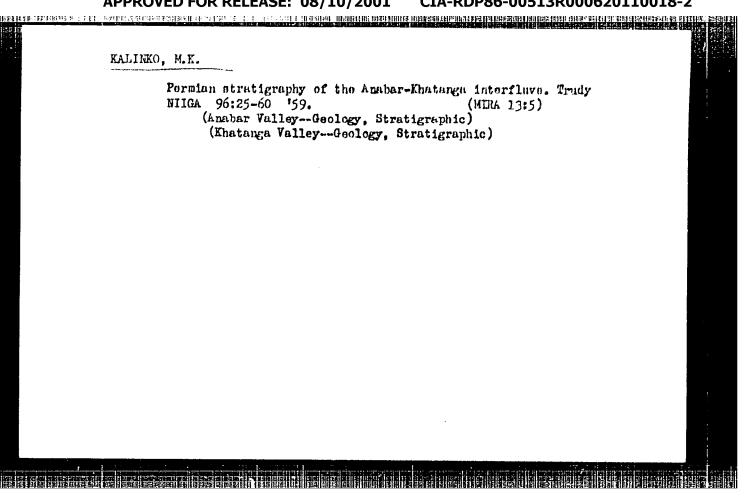
Analyzing the granulometric composition of terrigenous heavy minerals in order to determine their migration routes. Sov. geol. 2 no.12:19-23 D '59. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut.

(Mineralogy)

KALIN		
Mary Substituting of the Substitution of the S	"Origin of oil and formation of pools" by M.E.Al'tovskii, Z.Kusnetsova, R.M.Shvets. Reviewed by M.Kalinko. Geol.nefti i gaza 3 no.6:55-3 of cover. Je '59. (MIRA 12:8) (Petroleum geology) (Al'tovskii, M.E.) (Kusnetsova, Z.I.) (Shvets, R.M.)	
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APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000620110018-2"

KALINKO, M.K.

General factors governing the formation of various mud volcances.

Inform. biul. NIIGA no.19:15-21 '60. (MIRA 13:12)

(Mud volcances)

KALINKO, M.K.

First All-Union Conference on Fractured Oil and Gas Reservoirs.
Sov. gool. 3 no.10:165-168 0'60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy neftyanoy institut.

(Petroleum geology) (Gas, Natural-Geology)

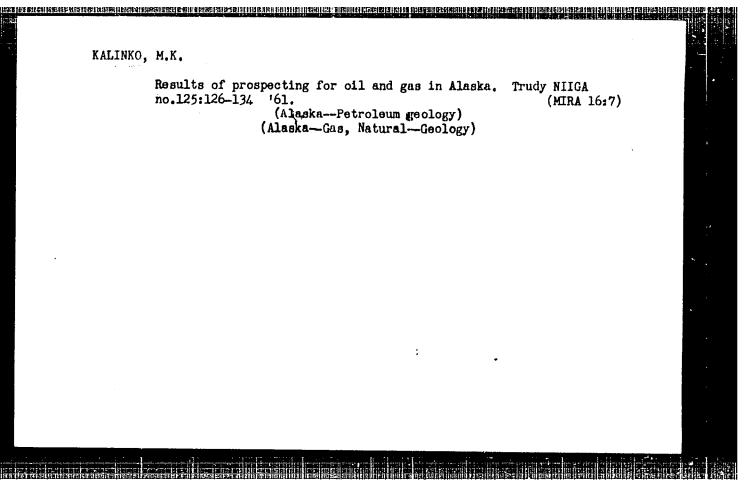
MILLER, Don Dzh. [Miller, D.J.]; PEYN, Tomas G. [Payne, T.G.]; GRIK, Dzh. [Gryc, George]; BALASHOVA, M.V. [translator]; KALINKO, M.K., doktor geol.-miner. nauk; SHOROKHOVA, L.I., ved. red.; VORONOVA, V., tekhn. red.

[Geology of possible petroleum provinces in Alaska] Geologiia neftegazonosnykh provintsii Aliaski. Pod red. i s dopolneniiami M.M. Kalinko. Moskva, Gostoptekhizdat, 1961. 181 p. (MIRA 16:6) (Alaska--Petroleum geology)

GV. D. RO., I.C.; KALHERO, V.C.; FUK, P.S.; COROCOV, D.S.

Further trends in oil prospecting in the basic promising regions of nothern Siberia. Trudy KIIGA 12.25 101 (d. (KIFA 14:10))

(Russia, Northwess Tollows Seelegy)



KALINKO, N.K.

Conference on physical investigation methods of sedimentary rocks and minerals. Sov. geol. 4 no.83158-161 Ag '01.

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy neftyanoy institut.

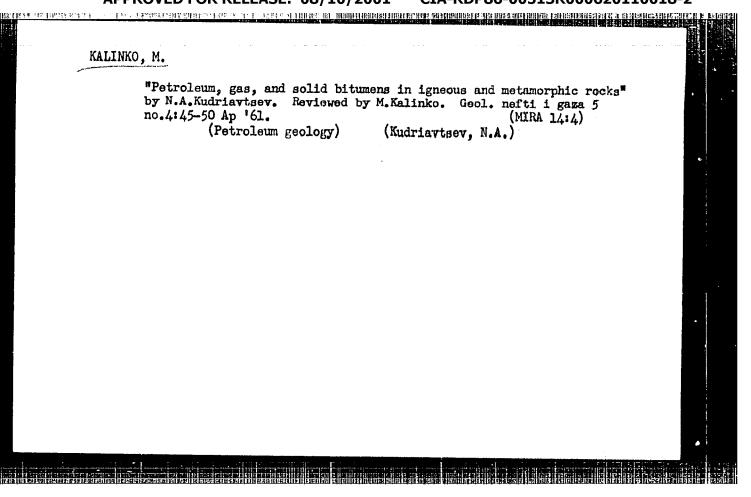
(Rocks, Sedimentary) (Minerals)

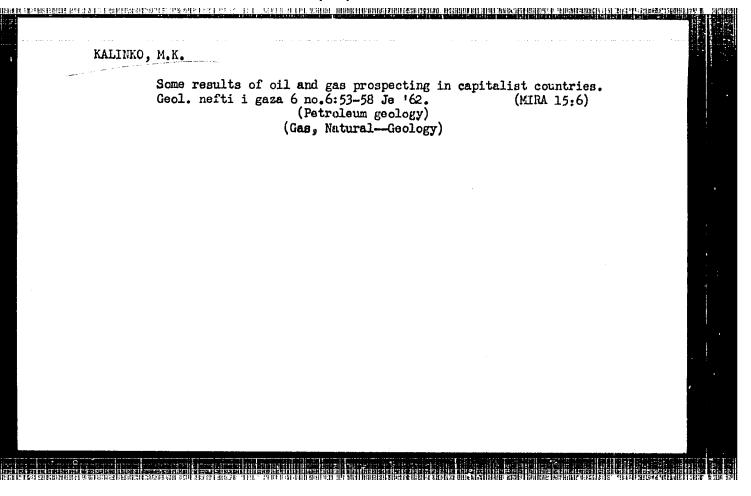
RUKHIN, Lev Borisovich, prof.[deceased]; RUKHINA, Ye.V., kand.geol.-min.nauk.
Prinimali uchastiye: SARANCHINA, G.M., dots.; FRANK-KAMENETSKIY,
V.A., dots.; KALINKO, M.K., doktor geol.-miner. nauk; VASSOYEVICH,
N.B., prof., Fed.; TOKAREVA, T.N., ved. red.; YASHCHURZHINSKAYA,
B.Ya., tekhn. red.

[Fundamen'als of lithology; theory of sedimentary rocks] Osnovy litologii; uchenie ob osadochnykh porodakh. Izd.2., perer.i dop. E.V.Rukhinoi. Pod red. N.B.Vassoevicha. Leningrad, Gos.nauchnotekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1761. 779 p. (MIRA 15:2)

1. Leningradskiy gosudarstvennyy universitet (for Saranchina, Frank-Kamenetskiy). 2. Vsesoyuznyy nauchno-issledovatel'skiy geologo-razvedochnyy neftyanoy institut (for Kalinko).

(Rocks, Sedimentary)



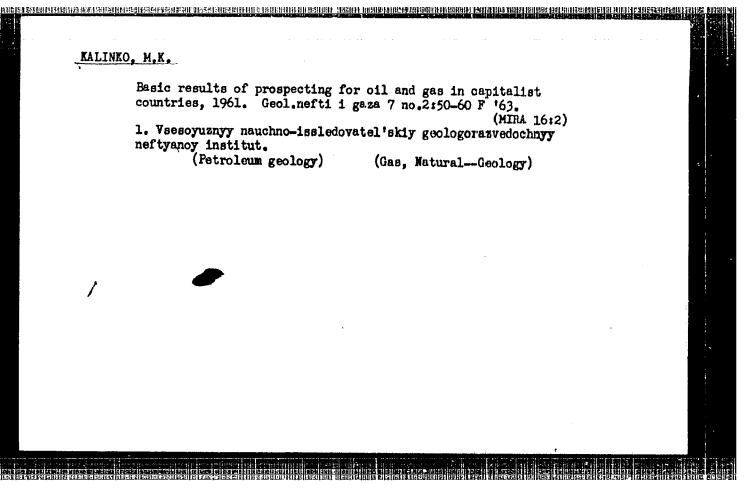


DICKENSTEIN, G.K., KALINKO, M.K. MAKSIMOV, S.P. KHALTURIN, D.S.

"Efficient methods of finding new oil and gas beds in less explored regions."

Report submitted to the Conf. on the Application of Science and Technology for the Benefit of the Less Developed Areas.

Geneva, Switzerland 4-20 February 1963



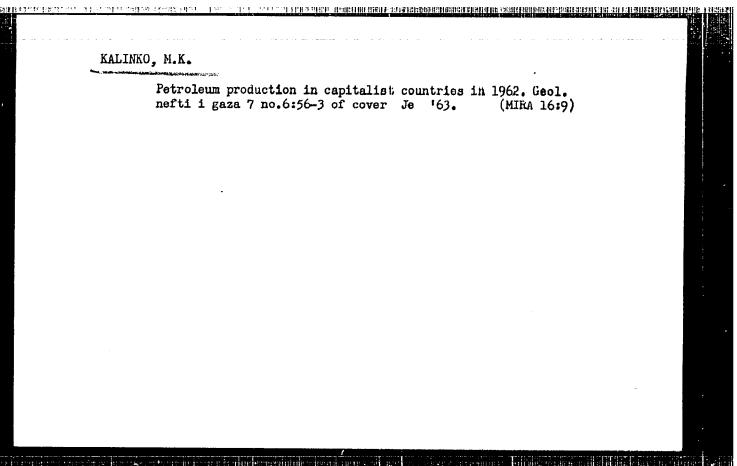
KALINKO, Mikhail Kuz'mich; KHANIN, A.A., red.; SAVINA, Z.A., ved.

red.; YAKOVLEVA, Z.I., tekhn. red.

[Methods for studying the rezervoir properties of cores]Metodika issledovaniia kollektorskikh svoistv kernov. Moslva,
Gostoptekhizdat, 1963. 223 p. (MIRA 16:4)

(011 reservoir engineering-Equipment and supplies)

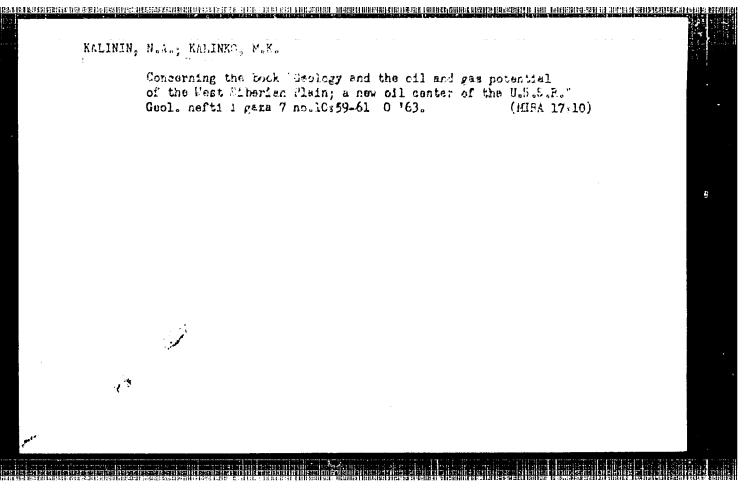
(011 sands--Analysis)



KALINKO, M.K.

Principal results of and trends in world oil prospecting. Sov. geol. 6 no.7:3-13 Jl '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorozvedochnyy neftyanoy institut.



KALINKO, M. K.

"Geological factors determining regularities in the distribution of oil and hydrocarbon gas deposits in the earth crust."

RANGERS AND REPORT OF THE PROPERTY OF THE PARTY OF THE PA

Report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec 1964.

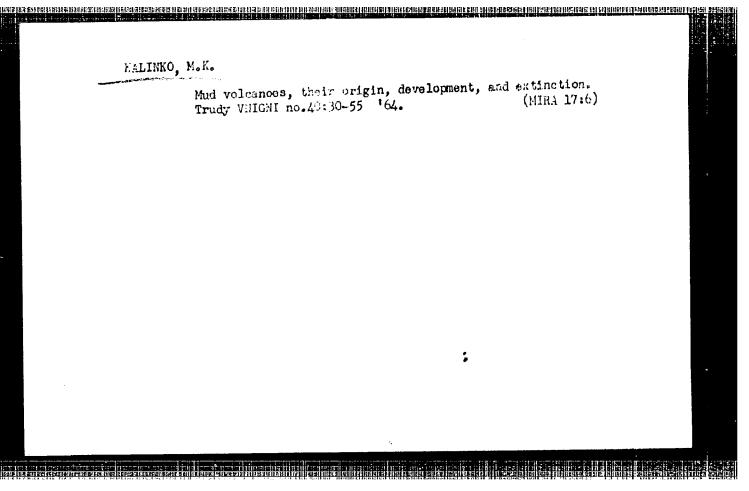
KALINKO, M.K.; SHAKS, I.A.

Discussion on the methods of studying oils, gases, and organic matter in rocks. Sov. gaol. 7 no.10:163-165 0 '64.

(MIRA 17:11)

KIROV, V.A.; KALINKO, M.K.

Concerning the collection of articles "Conditions for the formation of oil and gas fields in some oil and gas regions of the U.S.S.R." Geol. nefti. i gaza 8 no.10:53-56 0 '64. (MIRA 17:12)



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KALINKO, M.K.

Possibility of the presence of oil on Venus. Geol.neiti i gaza (MIRA 18:4) 9 no.2:3 of cover F *65.

1. Vsosoyuznyy nauchno-isaledovateliskiy geologorazvedochnyy neftyanoy institut.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000620110018-2"

KALINKO, M.K.

Results of oil and gas prospecting achieved in some foreign countries in 1963-1964. Geol. nefti. i gaza 9 no.7:52-60
Je '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut, Moskva.

L 22722-66

ACC NR: AP6002931

SOURCE CODE: UR/0286/65/000/024/0098/0098

AUTHORS: Kalinko, M. K.; Khromov, M. V.

ORG: none

TITLE: Apparatus for determining gas permeability of rocks. Class 42, No. 177148

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 98

EST I ASTRUMBIAN STATE AND RESPERANTE SECTION RECEIVED TO SECTION OF THE SECTION

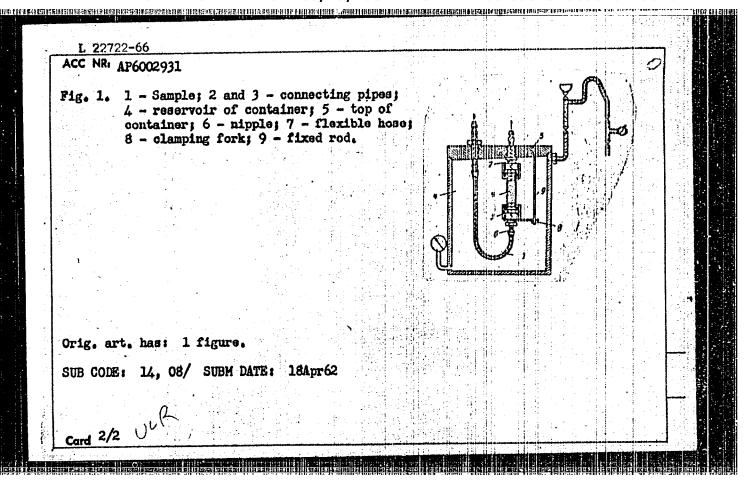
TOPIC TAGS: permeability measurement, gas diffusion

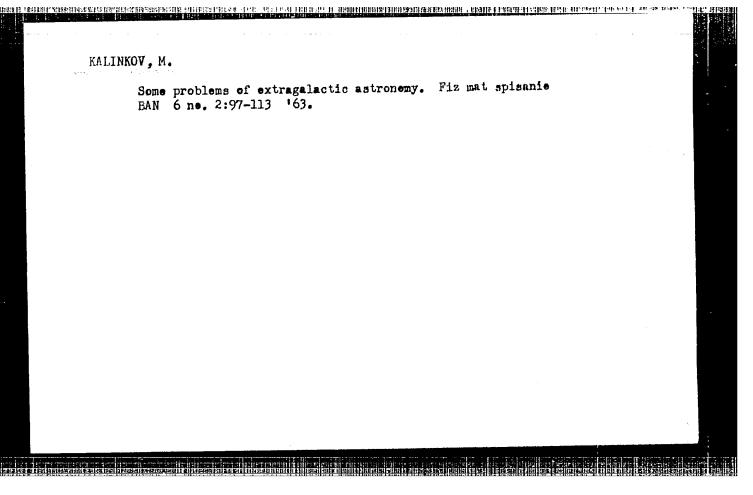
ABSTRACT: This Author's Certificate describes apparatus for determining the gas permeability of rocks. The apparatus consists of a rubber tube for holding the sample, nipples, tubes with valves and T-junctions, a reducer for creating pressure, and a manometer. To produce uniform confining pressure on the sample and to examine samples of various sizes, the device is made in the form of a hermetically scaled container filled with liquid (see Fig. 1). In this container a system for mounting the sample is placed. It consists of two connecting pipes, the upper one set in the top of the container and the lower connected through a nipple to a flexible hose for supplying gas to the sample. The lower connecting pipe is squeezed against the sample by a clamping fork screwed into a rod attached to the top of the container.

Card 1/2

UDO: 550.844

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000620110018-2"





KALINKOV, M.

Distribution of meteors by stellar magnitudes. Astron.zhur. 41 no.2:419-421 Mr-Ap '64. (MIRA 17:4)

1. Sektor astronomii Bolgarskoy Akademii nauk.

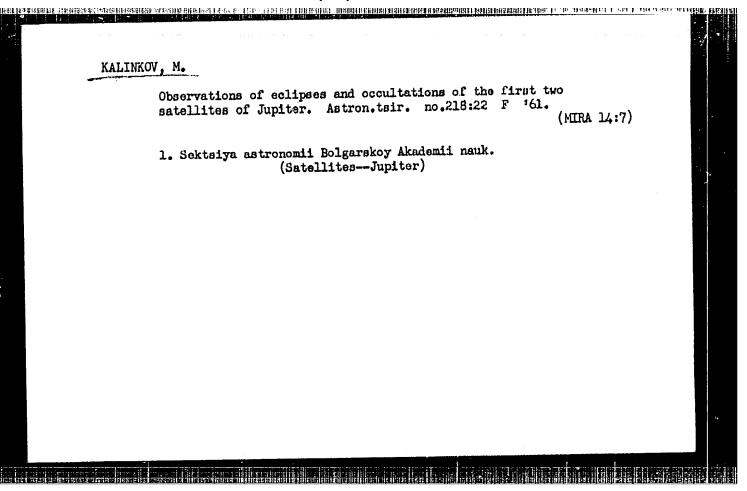
KALINKOV, M. Conference of observers of the artificial satellites of the earth from the socialists countries. Spisanie BAN 6 no.2:101-103 161.

Tw	o radiants of m	eteors.	Astron.tsir.	no.218:17-	-18 F	'61. (MIRA 14:7)	
1.	Sektsiya astro	nomii Bol (Meteor	garskoy A k ad s)	emii nauk.			

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	M.; RAYKOVA, D.			1/3	
Ra	diants of meteors.	Astron.tsir.	no.218:18-19 F	(MIFA 14:7)	
1.	. Sektsiya astronom	Li Bolgarskoy Al (Meteors)	ademii nauk.		
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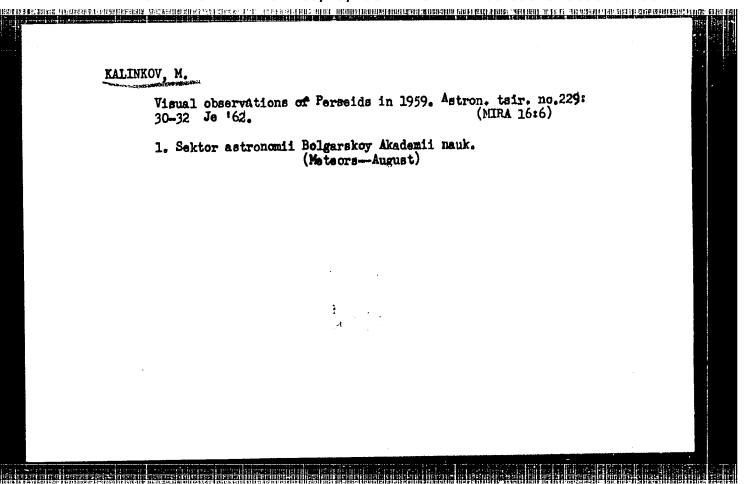
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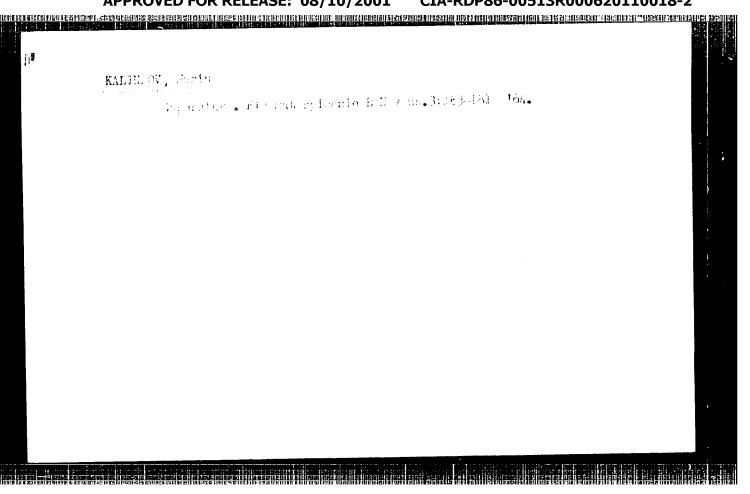


KALINKOV, M.; RUSEV, R.

Visual observations of Perseids in Sofia in 1961, Astron. tsir.
no.229129-30 Je '62. (MIRA 16:6)

1. Sektor astronomii Bolgarskoy Akademii nauk.
(Neteors—August)



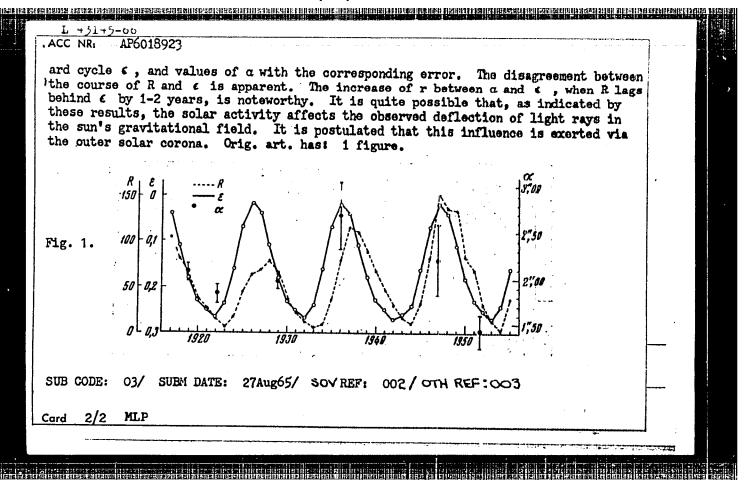


DESIGNATION OF CONTROL SEA OF CONTROL SEA OF CONTROL OF

L 32221-66 FBD 3-8W/WD ACC NRI AP6020836 SOURCE CODE: BU/0011/65/018/006/0509/0512 AUTHOR: Nedyalkov, I: Kalinkov, M. ORG: Astronomical Section, BAN; Institute of Physics BAN Hypothesis of quasi-stellar radio sources TITLE: SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 6, 1965, 509-512 TOPIC TAGS: cosmic radio source, scintillation, galaxy, star ABSTRACT: The discovery of powerful star-like radio sources of the 30273 and 3048 type resulted in the formulation of various hypotheses aiming at the explanation of their characteristics. Basically, all the hyptheses may be classified as scintillation and nonscintillation (gravitational collapse) hypotheses. This paper presents a new scintillation-type hypothesis which, under certain assumptions, describes well the physical characteristics of superstars (such a star is assumed to consist of a thin plasma shell in equilibrium with a photon gas filling). Results seem to indicate that the superstars are formations connected generically with explosive galaxies (E. M. Burbidge, G. R. Burbidge, V. C. Rubin, ApJ., 140, 1964, 942). Orig. art. has: 11 formulas. [Orig. art. in Eng.] [JPRS] SUB CODE: 03, 20 / SUBM DATE: 15Feb65 / OTH REF: 012 / SOV REF: 003 Card 1/1

स्त्रा १७ हरक्षणं वस्त्रा १ वस्त्र । इस्त्रा १९ १४ वस्त्र । वस्त्र वस्त्र । वस्त्र वस्त्र वस्त्र वस्त्र वस्त्र L 34734-66 EWT(1) IJP(c) GW BJ/0012/65/008/001/0008/0027 ACC NR: AP6025119 36 AUTHOR: Kalitsin, Nikola: Kalinkov, Marin B ORG: none TITLE: Astronomical effects of the general theory of relativity SOURCE: Fisiko-matematichesko spisanie, v. 8, no. 1, 1965, 8-27 TOPIC TAGS: general relativity theory, colestial mechanics, gravitation red shift, liorcury planet ABSTRACT: This is a comprehensive survey of the present status of the astronomical effects which serve as confirmation of the general theory of relativity. Starting with the classic arguments concerning the motion of the parigee of the planet Margury and other celestial bodies and the light deflection near celestial bodies, it proceeds to the gravitational red shift and the most recently investigated effects of the theory (Ectvos-Dicke inertial-hoavy wass equivalence measurements, Lenso-Turing-Schiff effect, stellar period increase on very eccentric orbits, Hvolson effect, negative mass hypothesis). Orig. art. has: 6 figures. [JPRS: 32,859] SUB CODS: 20, 03 / SUBH DATS: notice

IJP(c) G₩ E#T(1) L 43145-66 UR/0203/66/006/003/0581/0582 SOURCE CODE: AP6018923 ACE NR AUTHOR: Kalinkov. M. Astronomy Department, Bulgarian Acidemy of Sciences (Sektor astronomii Bolgarskoy Akademii nauk) TITIE: Concerning one Einstein effect SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 3, 1966, 581-582 TOPIC TAGS: solar activity, gravitation field, solar corona ABSTRACT: It is pointed out that the solar activity may affect one observable Einstein effect, the deflection of light rays in the sun's gravitational field. Statistical calculations show that there is a certain correlation between such deflections and the solar activity. For the six total solar eclipses of 1919, 1922, 1929, 1936, 1947, and 1952, the weighted mean value of $\alpha = 1".93 \pm 0".05$, and the arithmetic mean $\alpha = 2".03 \pm 0".10$ differs from the theoretically predicted value $\alpha = 1".75$. Comparison of these six observed values of a with the solar activity shows that there is a statistical correlation between them. The correlation coefficients r between these six observed deflections and the corresponding Wolf numbers R (daily, monthly, and yearly) are considered. The largest (negative) r occurs for observed a values and ellipticity of the solar corona at a distance $2R_{\odot}$ in a standard cycle. Fig. 1 shows observed values of yearly Wolf numbers R, ellipticity of the solar corona in a stand-UDC: 530.12 Card



1. 05377-01

ACC NR: AT6031509

SOURCE CODE: BU/2503/66/014/000/0147/0158

AUTHOR: Kalitsin, N.; Kalinkov, M.

12

ORG: none

1341

TITLE: Supergiant stars as massive condensations

SOURCE: Bulgarska akademiya na naukite. Fizicheski institut. Izvestiya na

Fizicheskiya institut s ANEB, v. 14, 1966, 147-158

TOPIC TAGS: galaxy, star cluster, supergiant star, star association

ABSTRACT: The characteristics of a suggested new model of a star are determined. On the basis of the works of Iben, Chandrasekhar, and Tooper, the mass of the supergiant star should be $10^4 M_{\odot}$, when a pulsation instability appears. A similar mass is obtained by extrapolation of existing empiric mass-luminosity relations. The formula of Hoyle and Fowler produces a larger mass, but the average $10^{4-0.5}_{-0.5} M_{\odot}$ is in conformity with theoretical examinations. Extrapolation of the empiric mass-radius relations ($M=10^4 M_{\odot}$) leads to $R\approx 10^3 R_{\odot} \approx 7.10^{13}$ cm. The brightness of the described model of a non-stationary object varies owing to pulsation instability. It is shown that the variations in brightness may be due to expansion of the shells, if results of statistical analysis of the light curve of supergiant stars Card 1/2

L 05399-67

ACC NR: AT6031509

(1 explosion/day) are applied, and if the mass flow is assumed to be 10^{30} g/explosion, at an observed velocity of flow of 5. 10^8 cm/sec. On the surface, the optical depth of the shell is tau ≈ 20 , and at a distance $(4\div 5)R$ it is already tau ≤ 1 . This increases the observed effective radius of the supergiant stars. A lifetime of ~ 600 years has been established for these stars. A figure of approximately 50 supergiant stars in the visible universe has been obtained by extrapolation of the luminosity function of the stars and the number of galaxies (10^9) in a sphere of 2.10^9 ps radius. Despite an error in evluation, there is a coincidence with observations made of some 35 supergiant stars. The described model of such a star will most probably break up and form star associations or star clusters. The authors express gratitude to their colleague I. Nedyalkov for useful discussions and for his interest in their work. Orig. art. has: 16 formulas.

SUB CODE: 03/ SUBM DATE: 25May65/ ORIG REF: 008/ OTH REF: 055/

Card 2/2 4

ACC NRI AR6035555

SOURCE CODE: UR/0269/66/000/010/0076/0076

AUTHOR: Kalinkov, M.; Nedyalkov, I. V.

TITLE: A new hypothesis on quasars

SOURCE: Ref. zh. Astronomiya, Abs. 10.51.568

REF SOURCE: Sb. Gravitatsiya i teoriya otnositel'n. Vyp. 2. Kazan', Kazansk. un-t, 1965. 125-129

TOPIC TAGS: supernova, photon, quasar

ABSTRACT: A quasar model in which the massive central body is surrounded with a cloud of ordinary stars is discussed. It is supposed that the central body structure is a spherical plasma shell limiting the space filled with photon gas. Such an object can expand, shrink or remain in neutral equilibrium. Stars drop on the body continuously and explode as supernovas, thus providing for the required release of energy. Bibliography of 21 titles. [Translation of abstract]

SUB CODE: 03/

Card 1/1

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Akedomiya nouk ESSR. Astronomicheskiy sovet.

Byulleten; stantely optichesbygo nablyudeniya iskusatvennykh syntnikov Zemli.
no. 8 (18) (Bulletin of the Stations for Optical Observations of Artificial Earth Satellites. No. 8 (18) Moscow, 1960. 23 p. 500 copies printed.

Sponsoring Agency: Astronomicheskiy sovet Akademii nærk SSSR.

Resp. Ed.: G. A. Leykin; Ed.: D. Yo. Shchegolav; Scorntary: O. A. Saverneya.

PURPOSE: This bulletin is intended for scientists and engineers concerned with optical tracking of artificial satellites.

COVERAGE: The bulletin contains seven articles concerned with mathias and equipment used for the photographic observation of artificial earth setellites, the brightness of catellites and equipment for its detormination, and the results of photographic observation of satellites. No personalities are mentioned. There are 14 references, all Soviet.

Card 1/3

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	Bukhantsev, L. T., and V. M. Kharaput. A Device for Registration of a Satellite's Brightness and Determination of Its Variation	9	:	
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	Grigorevskiy, V. R. [Odesokaya stantsiya nablyudeniya ISZ. Gde Satellite Tracking Station] Variation of the Period of Rotatic Sputnik II	essa n of	14		
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3,2300

Nikolov, N.S., Kalinkov, M.P. AUTHORS:

TITLE:

Period of changes in the brightness of the rocket of the 3rd Soviet artificial Earth's satellite according to observations at the Sofia

CONTROL OF THE STREET OF T

Astronomical Observatory

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 10, 1961, 77, abstract 10A571 ("Byul. st. optich. nablyudeniya iskusstv. sputni-

kov Zemli", 1960, no. 8, 12 - 14)

The authors present the results of observations of the brightness TEXT: of the Sputnik III rocket conducted at the Sofia Astronomical Observatory from July 29 to August 18, 1958. A graph of time variation of the period has been plotted.

[Abstracter's note: Complete translation]

Card 1/1

NIKCLOV, N.S.; KALINKOV, M.P.

Observations of anomalous Perseids in Sofia. Astron.tsir.
no.227:26-27 F '62. (MIRA 16:1)

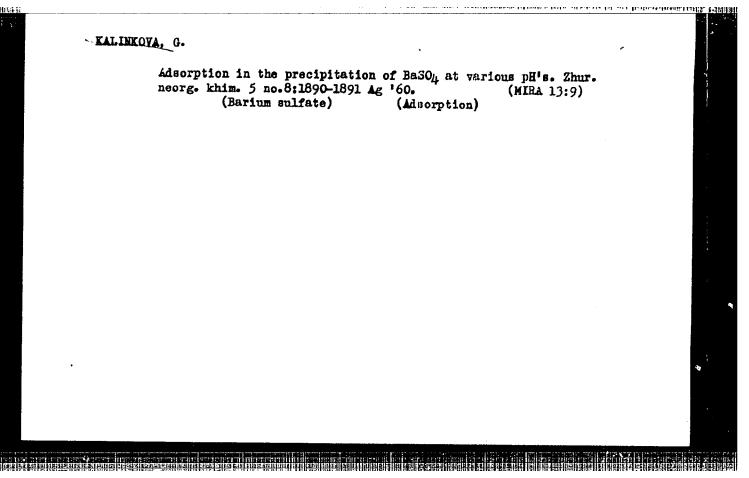
1. Sofiyskaya astronomicheskaya observatoriya.
(Metegrs—August)

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BAICHEV, G., dotsent; KALINKOV, S1.

Remote results of arthroplasty with or without interposition in various forms of tuberculous coxitis. Khirurgiia 15 no.2/3: 224-228 62.

l. Is Bolnitsa za kostno-stavna tuberkuloza - Pancharevo. (TUBERCULOSIS OSTEOARTICULAR surg) (HIP dis)



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KALINKOVA, G.

Complexemetric methods of determining the calcium and magnesium content in sheep's milk. Vop.pit. 22 no.1:62-65
Ja-F'63
(MIRA 16:11)

1. Iz Nauchno-issledomtel'skogo instituta molochnoy promyshlennosti, Sofiya, Bolgariya.

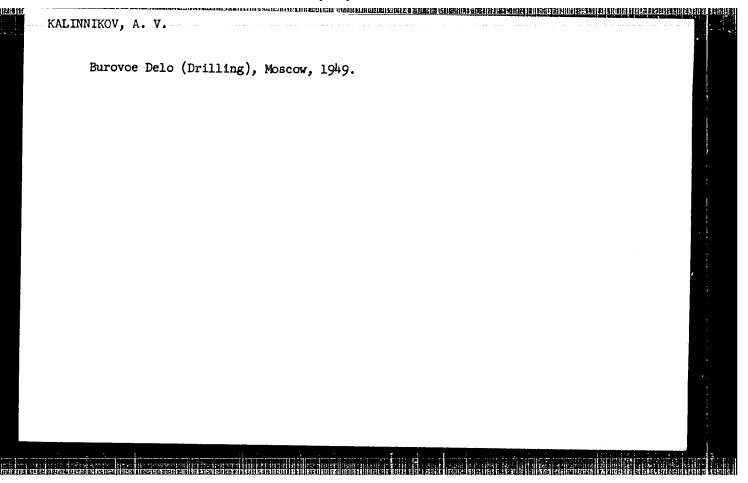
KALINKOVA, G.

Application of ion metabolism in food industry. Priroda Bulg 12 no. 1: 65-68 Ja-F '63.

ESKIN, V.A., podpolkovnik meditsinskoy sluzhby; DANDUROV, Tu.V., kapitan meditsinskoy sluzhby; KALINKOVSKIY, I.S., kapitan meditsinskoy sluzhby

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(MOSQUITONS
canopy for protection (Rus))



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,一个人,一个人,一个人,一个人,一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

KALINNIKOV. Andrey Vsevolodovich, professor; LETNEY, B.Ya., redaktor; PRVZNER, V.I., tekhnicheskiy redaktor [Boring] Burovoe delo. Izd. 2-oe, perer. Moskva. Gos. izd-voselkhoz. lit-ry, 1956. 366 p. (MLRA (MLRA 9:8)

(Boring)

ACCESSION NR: APSO16265	UR/0258/65/005/ho	3/1459/1468
AUTHOR: Kalirníkov, A. Te. (Moscow)	539-374	al- 4
TITIE: Thermodynamic analysis of the rains for polymer type media	elationship betweer stresses and	E -amrclad
SOURCE: Inzhenernyy zhurnal, v. 5, no.	3, 1965, 459-468	
OPIC TAGS: thermodynamics, irreversib	ole thermodynamics, deformation ratio deformation, stress load, pea	ete, deforma

where \mathcal{E}_{ij}^{e} is the instantaneous inclustic deformation, \mathcal{E}_{ij}^{e} is the instantaneous plastic deformation, \mathcal{E}_{ij}^{e} is the time dependent deformation (inclusion) and is the plastic time dependent deformation. Under conditions of loading, the tensor is given by	
经跟踪转用等多时等用的使使到接受的 经转换收割 使轻彩 经分配 计可分记 计时间 计时间 计时间 的复数 医动物性神经神经 不知用 经被保持 经通过时间 网络阿拉特斯 经通过的 化加速性 化二甲基乙二甲基乙二甲基乙二甲基乙二甲基乙二甲基乙二甲基乙二甲基乙二甲基乙二甲基乙	ie man I

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ard under conditions of unloading, by \[\begin{array}{c} \(\text{eij}\)_{i,+} \(\text{eij}\)_{i,+} \(\text{eij}\)_{i+4} \end{array} \]
The first law of thermodynamics for the deforming system is given by $TS_{,i} = \operatorname{div} J_T - \left(S + \frac{\partial f}{\partial T}\right) T_{,i} + \frac{\partial f}{\partial T} = \frac{\partial f}{\partial T} + \frac{\partial f}{\partial T} = \partial f$
$+\left(\sigma_{ij}-\frac{\partial F}{\partial\sigma_{ij}^{*}}\right)\varepsilon_{ij}^{*},\ +\left(\sigma_{ij}-\frac{\partial F}{\partial\sigma_{ij}^{*}}\right)\varepsilon_{ij}^{*},\ +\left(\sigma_{ij}-\frac{\partial F}{\partial\sigma_{ij}^{*}}\right)\varepsilon_{ij}^{*},$ and the entropy of the system, by
$S_{,i} = div J_i + \kappa$. $J_i = T^{-i}J_T,$
* == T-1 [T-1] grad T + (ou off) ev. (ou
$S_{ij}^{rc} = \frac{\partial F}{\partial e_{ij}}, \sigma_{ij}^{p} = \frac{\partial F}{\partial e_{ij}}.$ The entropy squation is the sum of an Antonia Atlanta (
The entropy equation is the sum of an interaction term between the system and the Card 2/4

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surroundings and a local increase in entropy. Using the above expressions for

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$$\begin{split} & \mathcal{E}_{ij}^{i} = \frac{1}{2^{ij}} \left(\mathcal{G}_{ij} - \lambda \theta \delta_{ij} \right) + \alpha \left(T - T_{q} \right) \delta_{ij}, \\ & \lambda = \frac{E \nu}{\left(1 - 2 \nu \right) \left(1 + \nu \right)}, \qquad \mathcal{C}_{i} = \frac{E}{2 \left(1 + \nu \right)}, \end{split}$$

for Eve

$$-\frac{\partial F_{tc}}{\partial J_{t}^{cc}}e_{ij}^{cc}=\frac{\partial D}{\partial J_{t}}e_{ij,\,i}^{cc}$$

where the deviator $\widetilde{\sigma}_{ij}^{CC}$ formally intermines the internal microstrations, and for $\varepsilon_{ij}^{D} = \frac{3\,\varepsilon_{ij}^{D}}{2\pi}\,\widetilde{\sigma}_{ij}$

which depends on the magnitude of the acting stress and its history. Three applications are discussed for the above enalysis. These include: the case of active loading. do: >0. the case of a time lag

